Sample Collection and Handling

1. From the ready display, scan barcode by holding the cassette package 2-3 inches from barcode scanner.
2. Press the <Last Entry> button if using the same lot of cassettes instead of scanning the barcode.
3. Open the sample measurement chamber.
4. Wipe and insert the cassette into the sample measurement chamber.
5. Close the sample measurement cover.
6. Thoroughly mix the sample.
7. When prompted, place the syringe onto the syringe adapter.
   - Tip: Make sure the syringe adapter is not touching the syringe plunger.
8. Press <OK>. The sample is then automatically aspirated. Do not inject sample.
9. Press <Patient Info> to enter patient info while measurement is in progress. Press the <Last Patient Info> button to populate all patient info fields with the last patient data including patient and operator IDs.
   - Tip: Always verify that patient information is correct when using this feature.
10. The analyzer will beep when measurement is complete. Complete editing patient information or press <Up> to review results immediately.
11. Open the cover and remove the cassette.

CAUTION: Handle and dispose of all biological samples in accordance with your facility’s policies. Obtain appropriate medical attention in the event of any exposure to biological samples since samples may transmit infectious diseases. Use the products only as directed in the manual.

Maintainance

Weekly - Clean the Analyzer
1. Clean the analyzer’s surface using a mild detergent and a soft cloth.
2. Clean the SMC with an ammonia based cleaner or alcohol using a lint free cloth.

Every 3 months - Run the Hb Calibrator Cassette
1. In the <Ready> display select <QC Manager>.
2. Press <tHb Calibrator> and enter the password (default - 404).
3. Select <tHb Calibrator> and enter the calibrator lot number.
4. Follow the on screen directions to run the calibrator cassette.
5. After the calibration is complete press <Home> to return to the ready screen.
6. Running the Hb calibrator will delete the SRC database. Re-enter SRC barcodes after running the calibrator. See QC Set-up section.
   - Tip: Do not discard the Hb calibrator cassette and make sure to keep it with the analyzer at all times.

Every 12 Months - Replace Peristaltic Pump and I/O port
1. Open the printer cover.
2. Remove the pump by grasping the sides and pulling straight up.
3. Replace the pump seals only as needed.
4. Carefully remove pump seals with tweezers or hemostats.
5. Rotate the pump shaft until the flat edge aligns with the new pump roller.
6. Firmly press the pump down onto the shaft.
7. Next press down on the pump roller to finalize installation.
8. Open the SMC and remove the I/O port seal with hemostats or tweezers.
9. Insert the new seal with the round side up and press firmly into place.

Technical Support

Inside the USA: 1-800-490-6784 or technicalsupport@optimedical.com
Outside the USA: Please contact your local OPTI Medical distributor

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AT7062-F
QC Set-up

1. From the ready display, press <System Manager> and then press <Setup>.
2. Enter the password. The factory set password is 404.
3. Select <SRC> to set up Standard Reference Cassettes (SRC) or select <Control> to set up OPTI Check liquid controls.
4. For SRC setup, scan the SRC cassette barcode to enter the lot information.
5. Confirm lot number and press <Save>. Repeat for each SRC level.
6. For control setup, scan the barcodes found inside the OPTI Check or OPTI Check Plus box. Scan the barcode marked “A” followed by the barcode marked “B”. Confirm lot number and press <Save>.
7. Repeat for each level.
   ▶ Tip: Each box of OPTI Check contains barcodes for the OPTI CCA and the OPTI R analyzers. If the barcode gives you an error, verify that you are using the correct barcode.

Running an SRC measurement

1. From the ready display, press <QC Manager> and then press <SRC>.
2. Enter your Operator ID or 4 digit PIN and press <OK>.
   ▶ Tip: Barcoded operator IDs may be entered using the barcode scanner.
3. Open the sample measurement chamber.
4. Examine the SRC to make sure it is clean. Press the SRC firmly into the chamber and close the cover.
5. Confirm the lot information against the SRC pouch. Press <Yes> if correct. If incorrect, press <No> and return to the QC manager to set up the SRC lot.
6. When measurement is complete the analyzer will display the results.
7. Open the sample measurement chamber cover and remove the SRC. Close the cover.
8. Place the SRC back in its pouch. Do not discard the SRC.
   ▶ Tip: If the SRC fails, gently clean the SRC, optics window, and inside cover of the chamber. Repeat test.

Running OPTI Check controls

1. From the ready display, press <QC Manager> and then press <Control>.
2. Enter your Operator ID or 4 digit PIN and press <OK>.
3. Select the desired level and press <OK>. Verify that the lot number is correct and press <OK>.
4. Scan the cassette barcode via the barcode scanner.
5. Open the sample measurement chamber.
6. Open the cassette pouch, wipe and insert the cassette.
7. Press the cassette firmly into the chamber and close the cover. The cassette will now calibrate.
8. Gently invert the OPTI Check vial several times to mix, being careful not to heat it with your hand.
   ▶ Tip: Measurement errors may occur if vials are shaken vigorously enough to form many small bubbles.
9. Gently tap the head of the vial with your finger to remove any liquid.
10. Carefully open the vial by breaking off the top.
   ▶ Tip: Protect your fingers by using gloves or a tissue while breaking the vial.
11. Place the vial directly on the syringe adapter. Hold the vial at a 45° angle on the end of the syringe adapter.
   ▶ Tip: OPTI Medical recommends using a new vial for each instrument for best results. Due to the gas concentration of the solution, controls should be measured as quickly as possible once opened.
12. Press <OK> to automatically aspirate the sample.
13. Once results are displayed, press <Up> to accept or reject results. Rejected results will be printed, but not stored to the database. Results outside of the measurement range (“low” or “high”) cannot be accepted.

Consumables

<table>
<thead>
<tr>
<th>Consumable</th>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>B Cassettes</td>
<td>BP7562</td>
<td>OPTI Check, Trilevel</td>
</tr>
<tr>
<td>E Cassettes</td>
<td>BP7587</td>
<td>OPTI Check Plus, Trilevel</td>
</tr>
<tr>
<td>E-Ca Cassettes</td>
<td>BP7560</td>
<td>tHb-Calibrator Cassette</td>
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<tr>
<td>E-CI Cassettes</td>
<td>BP7559</td>
<td>Printer Paper</td>
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<tr>
<td>E-Glu Cassettes</td>
<td>BP7564</td>
<td>Gas Bottle</td>
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<tr>
<td>E-BUN Cassettes</td>
<td>BP7588</td>
<td>Peristaltic Pump Cartridge</td>
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<td>B-Lac Cassettes</td>
<td>BP7561</td>
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<td>B60 Cassettes</td>
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<td>SRC Level 1</td>
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<td>SRC Level 2</td>
<td>BP7554</td>
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<tr>
<td>SRC Level 3</td>
<td>BP7543</td>
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Refer to the Operator’s Manual for detailed instructions.